



State of Ohio Environmental Protection Agency

Northeast District Office

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Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

October 28 2008

RE: WAYNE COUNTY  
MILTON TWP.  
10680 STEINER ROAD  
APOSTOLIC CHRISTIAN HOME  
3PR00144

Mr. David Maletich, Administrator  
Apostolic Christian Home  
10680 Steiner Road  
Rittman, OH 44270-9714

Dear Mr. Maletich:

On October 22, 2008, this writer conducted an inspection of the sewage treatment plant for the Apostolic Christian Home. The wastewater treatment plant serves the Apostolic Christian Home and the Apostolic Christian Church. The sanitary flow from the Apostolic Church is conveyed to the wastewater plant via a separate sanitary sewer that discharges to a manhole located adjacent to the wastewater treatment plant. The intent of the inspection was to evaluate operations and maintenance of the treatment system prior to drafting the next NPDES permit.

We understand the facility has been meeting with the City of Rittman to reach an agreement on connecting the wastewater treatment plant to the Rittman Wastewater Treatment Plant (WWTP). Before a connection sewer can be installed, a Permit to Install (PTI) must be submitted to this office for approval. Please keep this office updated on the potential tie in of the wastewater treatment plant to the Rittman WWTP.

At the time of the inspection, the treatment plant was producing what appeared to be a satisfactory quality effluent. Overall, the plant appeared to be in good operation. The plant consists of a trash trap, two settling tanks, flow equalization tank, sludge holding tank, splitter box, 12,000-gallon extended aeration treatment plant, dosing station with two pumps, two surface sand filters, chlorination and dechlorination. The inspection of the wastewater treatment plant revealed the following:

- 1) The mixed liquor in the extended aeration plant was a light brown color. The aeration tank appeared to be supplied with an adequate amount of air, the sludge return line and skimmer return were in operation. Large amounts of scum and sludge were present on the surface of the settling tank. In addition, the settling tank weirs and inlet baffle were full of solids. The clarifier sidewalls are scraped down approximately every other morning. The condition of the settling tank suggests there is an imbalance of solids in the system or equipment failure. Solids may need to be removed from the system or the clarifier may need to be cleaned out to get a proper solids balance in the system.
- 2) The sludge holding tank was full and there was no aeration in the tank at the time of the inspection. It is our understanding that the tank is only aerated three days per week. Solids are removed from the system approximately once a month. The solids are sent to Rittman (WWTP).
- 3) The surface sand filters appeared to be in good condition. The filters are cleaned at least once a month. Please note, material removed from the sand filters must be disposed of at a licensed solid waste landfill.
- 8) A summary of the wastewater treatment plant discharge violations for the period of January 2007 through September 2008 is shown below:

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
February 2007	001	00530	Total Suspended Solids	30DConc	12	22.	2/1/2007
February 2007	001	00530	Total Suspended Solids	7D Conc	18	22.	2/8/2007
February 2007	001	00530	Total Suspended Solids	30D Qty	0.5	.74943	2/1/2007

MR. DAVID MALETICH, ADMINISTRATOR  
APOSTOLIC CHRISTIAN HOME  
OCTOBER 28, 2008  
PAGE 2

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
July 2007	001	00610	Nitrogen, Ammonia (NH3)	30DConc	1.0	1.32	7/1/2007
May 2008	001	31616	Fecal Coliform	30DConc	1000	2800.	5/1/2008
May 2008	001	31616	Fecal Coliform	7D Conc	2000	2800.	5/8/2008

The renewal NPDES permit for this facility is being drafted and will be public noticed in the near future. You will have 30 days from the date of the public notice to submit comments to the Ohio EPA regarding the draft permit. If you have any questions or comments regarding this letter, please contact this office at (330) 963-1299.

Respectfully,



Laura A. Weber, P.E.  
Environmental Engineer  
Division of Surface Water

LAW/mlh

pc: Wayne County Health Dept.

File: Semi-Public/Wayne/Milton Twp./Apostolic Christian Home